

Material Safety Data Sheet - OSHA 174

Materials Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

US Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

H.M.I.S. RATING

Health	1
Flammability	2
Reactivity	0
Protective Equip.	B

Last Rev Date: 05/26/2005

HE304 - DRIVEWAY PATCH MIX

Section I

Manufacturer's Name

HENRY COMPANY

Emergency Telephone

800-486-1278

Telephone

800-486-1278

Address

HENRY COMPANY
2911 Slauson Ave
HUNTINGTON PARK, CA 90255

Primary Contact

Technical Services

Email

techservices@henry.com

NFPA

704

Preparer's Signature

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Asphalt	8052.42.4		0.5 mg/m3		
Kerosene	68476.30.2	2950 mg/m3	100ppm		

Comments: There are no S.A.R.A. 313 ingredients in this material in excess of De minimus amounts. "Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm."

Section III Physical / Chemical Characteristics

Boiling Point

N/A

Melting Point

N/A

Max VOC (g/l)

100

Vapor Pressure (mm Hg)

<2 @ 68 F

Evaporation Rate (Butyl Acetate=1)

<1

Max VOS (lbs/gal)

0.83

Vapor Density (Air=1)

>1

Weight Per Gallon

19.1

% Water Volume

0

Color

Black

Solubility in Water

Not soluble

% Water Weight

0

Odor

Kerosene like odor

Appearance

Black fluid

% Volatile

1

Specific Gravity

2.30

PH

N/A

Section IV Fire and Explosion Hazard Data

Flash Point Method

SETA

Flash Point Temperature

170°F

LEL Flammable Limit

0.7

UEL Flammable Limit

6.0

Extinguishing Media

Foam, CO2, Dry Chemical, Water Fog, Sand, Earth

Fire Fighting Procedures

The use of self-contained breathing apparatus is recommended for fire fighters.

Additional Procedures

During emergency conditions, overexposure to decomposition products may cause a health hazard. Keep containers tightly closed when not in use.

Unusual Fire and Explosion Hazards

None. Do not mix or store with strong oxidants like liquid chlorine or oxygen. Do not expose to extreme heat.

Section V Reactivity Data

Stability		Conditions to Avoid	
Material is Stable		N/A	
Incompatibility (Materials to Avoid)		Hazardous Decompositions or Byproducts	
Strong Oxidants		Fumes, Smoke, CO ₂ , Carbon Monoxide if combustion is incomplete	
Hazardous Polymerization		Conditions to Avoid	
May Not Occur		Contact with moisture	

Section VI Health Hazard Data

Routes of Entry:

If in Eyes

Symptoms	Emergency and First Aid Procedures
<ul style="list-style-type: none">-- Eye irritation.-- Blurred vision.	<ul style="list-style-type: none">-- Flush gently with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

If Ingested

Symptoms	Emergency and First Aid Procedures
<ul style="list-style-type: none">-- Gastrointestinal irritation.-- Nausea, vomiting, diarrhea.	<ul style="list-style-type: none">-- Do not induce vomiting. Call doctor immediately.

If Inhaled

Symptoms	Emergency and First Aid Procedures
<ul style="list-style-type: none">-- Dizziness, headaches, even unconsciousness or death.-- Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.	<ul style="list-style-type: none">-- Remove from vapor immediately and if breathing is difficult, administer oxygen.-- If overcome, call physician.-- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

If on Skin

Symptoms	Emergency and First Aid Procedures
<ul style="list-style-type: none">-- Minor skin irritation.	<ul style="list-style-type: none">-- Remove contaminated clothes and wash with a waterless hand cleaner or soap and water.

Section VII Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent sand, earth, sawdust, etc to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses.

Waste Disposal Method:

Assure conformity with applicable disposal regulations

Precautions for Handling and Storage:

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation required.

Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and laundry before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

Section VIII Control Measures

Ventilation

Local Exhaust

Face velocity 60 fpm

Mechanical (General)

N/A

Special Ventilation

Use only with adequate ventilation.

Other

N/A

Protective Equipment Required

Respirator

Use with adequate ventilation.

Gloves

Chemical resistant gloves

Goggles

Splash goggles or face shield

Clothing

Chemical resistant apron

Work Hygienic Practices

Practice good work hygiene

Section IX Special Precautions for Safe Handling and Storage

Precautions for Handling and Storage

KEEP AWAY FROM SOURCES OF IGNITION

Other Precautions

Close air intakes on roof until solvent odor dissipates.

Section X Transportation Data

DOT

Non-Bulk Not Regulated (Combustible liquid Non-Bulk, but see IATA for shipping by AIR)

Note N/A

IMDG

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

IATA

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

State Addendum

Ingredient	CAS Number	Notes
Kerosene	68476.30.2	See current Material Safety Data Sheet.
Asphalt	8052.42.4	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	A Florida Toxic Substances List material
Asphalt	8052.42.4	A Massachusetts Hazardous Substance List material
Asphalt	8052.42.4	A Minnesota Hazardous Substance List material
Asphalt	8052.42.4	A Pennsylvania Hazardous Substance List material
Asphalt	8052.42.4	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.
Aggregate	MIX4	See current Material Safety Data Sheet.